



IFW

Docket No.: KCC-17,315.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Braulio A. POLANCO et al.

Title: HIGH LOFT LOW DENSITY NONWOVEN  
WEBS OF CRIMPED FILAMENTS AND  
METHODS OF MAKING SAME

Serial No.: 10/749,805

Filing Date: 31 December 2003

Customer No.: 35844

**FIRST INFORMATION DISCLOSURE STATEMENT**

**Mail Stop AMENDMENT**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with Rule 1.56, the References listed on the attached Form PTO-1449 are provided as being possibly material to the examination of the subject Patent Application.

I hereby certify that this correspondence (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

06 OCTOBER 2004.

06 OCT 04  
Date

Roland W. Morris  
Signature

Serial No.: 10/749,805

The following co-pending U.S. Patent Applications are also brought to the attention of the Examiner as being possibly material to examination of the subject application, the first of which is the parent application of the subject application, and the second of which is a divisional of the parent application:

Title: HIGH LOFT LOW DENSITY NONWOVEN WEBS  
OF CRIMPED FILAMENTS AND METHODS OF  
MAKING SAME  
Applicants: Braulio A. POLANCO et al.  
Serial No.: 10/037,467  
Filing Date: 21 December 2001  
Attorney Docket No.: KCC-1150

Title: HIGH LOFT LOW DENSITY NONWOVEN WEBS OF  
CRIMPED FILAMENTS AND METHODS OF  
MAKING SAME  
Applicants: Braulio A. POLANCO et al.  
Serial No.: (has not been assigned)  
Filing Date: 10 September 2004  
Attorney Docket No.: KCC-1150-DIV

Title: STRONG HIGH LOFT LOW DENSITY NONWOVEN  
WEBS AND LAMINATES THEREOF  
Applicants: L. Warren COLLIER IV et al.  
Serial No.: 10/749,461  
Filing Date: 31 December 2003  
Attorney Docket No.: KCC-1199

Title: MATERIALS HAVING Z-DIRECTION FIBERS AND  
FOLDS AND METHOD FOR PRODUCING SAME  
Applicants: Edward Jason WHITE et al.  
Serial No.: 09/538,744  
Filing Date: 30 March 2000  
Attorney Docket No.: KCC-1064

Serial No.: 10/749,805

Copies of these references are not enclosed.

Form PTO-1449 (six (6) pages) is enclosed with a copy of each and every foreign reference cited on Form PTO-1449.

Respectfully submitted,

A handwritten signature in black ink that reads "Roland W. Norris". The signature is written in a cursive, flowing style.

Roland W. Norris  
Registration No. 32,799

Pauley Petersen & Erickson  
2800 West Higgins Road; Suite 365  
Hoffman Estates, Illinois 60195  
TEL (847) 490-1400  
FAX (847) 490-1403

FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

KCC-17,315.1

10/749,805

**LIST OF PRIOR ART CITED BY APPLICANT**  
(Use several sheets if necessary)

APPLICANT(S)

Braulio A. POLANCO et al.

FILING DATE

31 December 2003

GROUP

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	3,507,943	04/1970	Such, et al.			
	AB	3,855,046	12/1974	Hansen, et al.			
	AC	4,217,321	08/1980	Campbell			
	AD	4,374,888	02/1983	Bornslaeger			
	AE	4,493,868	01/1985	Meitner			
	AF	4,590,114	05/1986	Holtman			
	AG	4,663,220	05/1987	Wisneski, et al.			
	AH	4,692,106	09/1987	Grabowski, et al.			
	AI	4,704,116	11/1987	Enloe			
	AJ	4,795,668	01/1989	Krueger, et al.			
	AK	4,798,603	01/1989	Meyer, et al.			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	0 586 924 A1	03/1994	EPO			x	
	AM	WO 00/66057	11/2000	PCT			x	
	AN	WO 01/11119 A1	02/2001	PCT			x	
	AO	WO 01/74281 A1	10/2001	PCT			x	
	AP	WO 02/057525 A2	07/2002	PCT			x	

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		
	AS		
	AT		

EXAMINER

DATE CONSIDERED

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

KCC-17,315.1

SERIAL NO.

10/749,805

**LIST OF PRIOR ART CITED BY APPLICANT**  
(Use several sheets if necessary)

APPLICANT(S)

Braulio A. POLANCO et al.

FILING DATE

31 December 2003

GROUP

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,820,459	04/1989	Reifenhauser			
	AB	4,837,067	06/1989	Carey, Jr., et al.			
	AC	4,851,179	07/1989	Reifenhauser			
	AD	4,985,304	01/1991	Wang			
	AE	5,108,820	02/1999	Kaneko, et al.			
	AF	5,176,668	01/1993	Bernardin			
	AG	5,176,672	01/1993	Bruemmer, et al.			
	AH	5,192,606	03/1993	Proxmire, et al.			
	AI	5,226,992	07/1993	Morman			
	AJ	5,302,220	04/1994	Terakawa et al.			
	AK	5,336,552	08/1994	Strack et al.			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	0 217 032	04/1987	EP			x	
	AM	95/16425	06/1995	WO			x	
	AN							
	AO							
	AP							

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		
	AS		
	AT		

EXAMINER

DATE CONSIDERED

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

KCC-17,315.1

SERIAL NO.

10/749,805

**LIST OF PRIOR ART CITED BY APPLICANT**

(Use several sheets if necessary)

APPLICANT(S)

Braulio A. POLANCO et al.

FILING DATE

31 December 2003

GROUP

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,382,400	01/1995	Pike et al.			
	AB	5,385,775	01/1995	Wright			
	AC	5,399,219	03/1995	Roessler, et al.			
	AD	5,418,045	05/1995	Pike, et al.			
	AE	5,427,845	06/1995	Sawyer et al.			
	AF	5,486,166	01/1996	Bishop, et al.			
	AG	5,490,846	02/1996	Ellis, et al.			
	AH	5,509,915	04/1996	Hanson, et al.			
	AI	5,522,810	06/1996	Allen, Jr. et al.			
	AJ	5,540,796	07/1996	Fries			
	AK	5,527,600	06/1996	Frankosky et al.			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		
	AS		
	AT		

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

KCC-17,315.1

SERIAL NO.

10/749,805

**LIST OF PRIOR ART CITED BY APPLICANT**  
(Use several sheets if necessary)

APPLICANT(S)

Braulio A. POLANCO et al.

FILING DATE

31 December 2003

GROUP

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,571,537	11/1996	Geus, et al.			
	AB	5,593,768	01/1997	Gessner			
	AC	5,595,618	01/1997	Fries, et al.			
	AD	5,672,415	09/1997	Sawyer et al.			
	AE	5,707,468	01/1998	Arnold et al.			
	AF	5,711,970	01/1998	Lau et al.			
	AG	5,766,646	06/1998	Geus, et al.			
	AH	5,773,120	06/1998	Deka et al.			
	AI	5,814,349	09/1998	Geus, et al.			
	AJ	5,858,515	01/1999	Stokes, et al.			
	AK	5,874,159	02/1999	Cruise et al.			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		
	AS		
	AT		

EXAMINER

DATE CONSIDERED

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

KCC-17,315.1

SERIAL NO.

10749,805

**LIST OF PRIOR ART CITED BY APPLICANT**  
(Use several sheets if necessary)

APPLICANT(S)

Braulio A. POLANCO et al.

FILING DATE

31 December 2003

GROUP

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,904,971	05/1999	Anderson et al.			
	AB	5,916,678	06/1999	Jackson et al.			
	AC	5,993,714	11/1999	Sawyer et al.			
	AD	6,066,221	05/2000	Marmon et al.			
	AE	6,074,869	06/2000	Pall et al.			
	AF	6,080,482	06/2000	Martin et al.			
	AG	6,168,849	01/2001	Braverman et al.			
	AH	6,176,955	01/2001	Haynes et al.			
	AI	6,203,889	03/2001	Quincy, III, et al			
	AJ	6,218,009	04/2001	Tsai et al.			
	AK	6,261,677	07/2001	Tsai et al.			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		
	AS		
	AT		

EXAMINER

DATE CONSIDERED

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985



FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

KCC-17,315.1

SERIAL NO.

10/749,805

**LIST OF PRIOR ART CITED BY APPLICANT**

(Use several sheets if necessary)

APPLICANT(S)

Braulio A. POLANCO et al.

FILING DATE

31 December 2003

GROUP

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,436,328	08/2002	DiPalma			
	AB	6,588,080	07/2003	Neely, et al.			
	AC	6,635,136	10/2003	White et al.			
	AD	239,566D	04/1976	Vogt			
	AE	264,512D	05/1982	Rogers			
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		
	AS		
	AT		

EXAMINER

DATE CONSIDERED

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985